



*Landsat Deforestation &
Habitat Fragmentation in
Madagascar*

*a Biological diversity
wonderland*

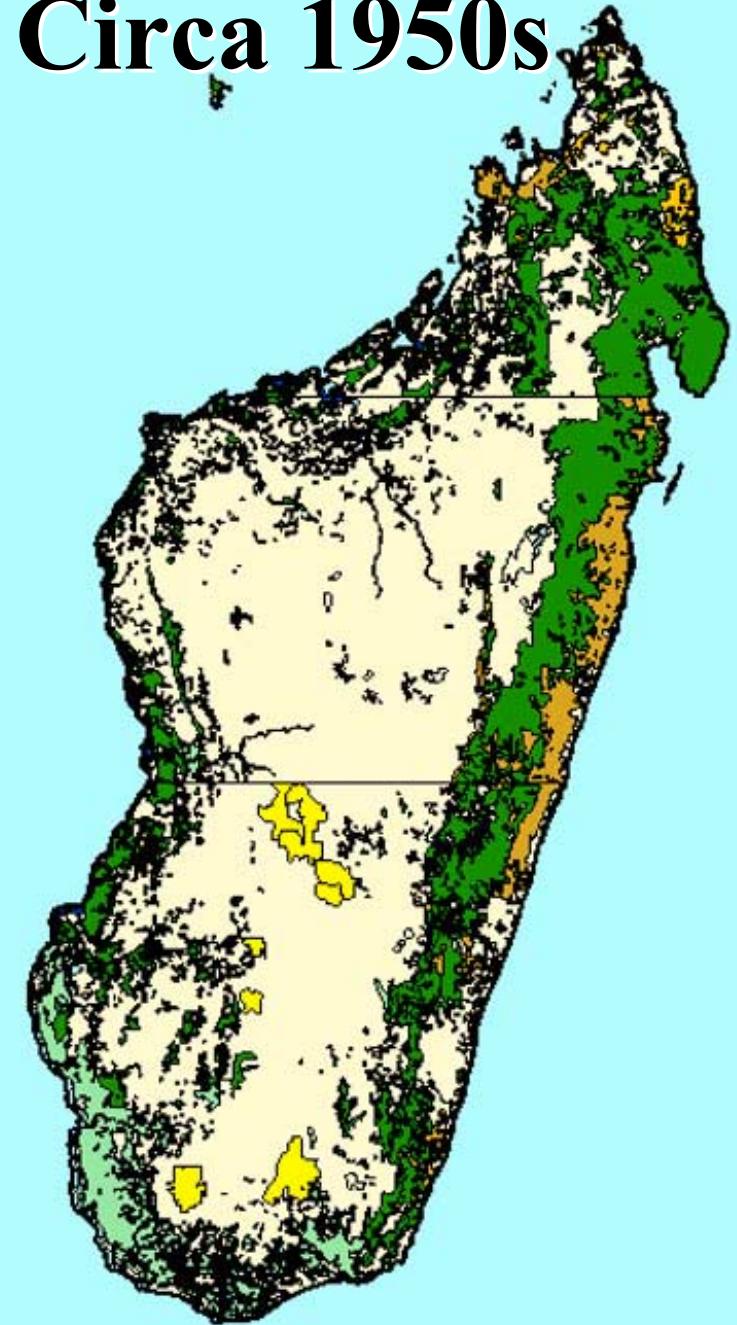
Madagascar Deforestation

1950s-1970s-1990-2000

**Conservation Intl.-GSFC
Steininger-Tucker-Harper**

**1970s-1990-2000 1st use of
NASA's Orthorectified
Landsat data set**

Circa 1950s.



1970s
MSS



1990
TM

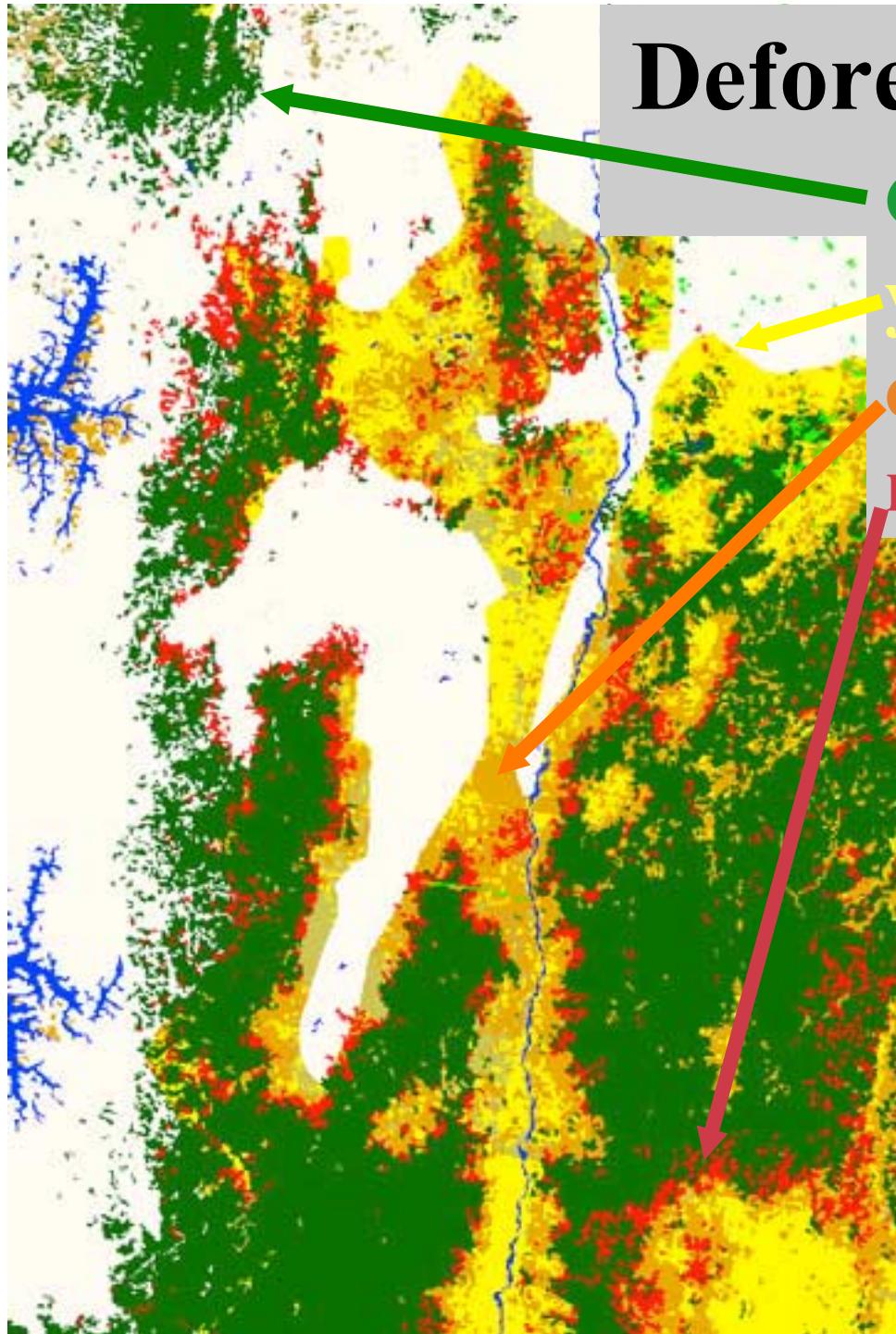


2000
ETM



**1970s, circa 1990, & 2000 data orthorectified! <50 m absolute
RMS positional error for 1990 & 2000, <100 m for 1970s**

Deforestation 1955 to 2000



Green = forest now
yellow = defor 1955-1975
orange = defor 1975-1990
red = defor 1990-2000

